

- f. "Complete Permit Application." An application that contains information judged adequate by the member agencies to process the application, including results of testing that have been approved by the member agencies.
7. **Problem.** The de facto permitting system for dredging and disposal can be lengthy and complex and consists of six federal and state agencies that issue a permit or other legal approval. In addition, federal and state laws require that resource agencies comment on many of the permit actions and consider endangered species impacts under their own jurisdiction (Section 7 Consultation). The actual number of permits and types of approvals depend upon the location of the dredging and disposal sites, ownership of project area, and whether the project requires new permits or is considered an episode under existing permits. Coordination of the dredging permitting process to decrease redundancy and increase efficiency is a main purpose of the DMMO.

Secondly, the suitability determination for the disposal of dredged material often requires agency interpretation of an extensive battery of tests which characterize the physical, chemical, and biological nature of the sediment proposed for dredging. The contributions of member agencies to the suitability determination process reflect the staff's differing areas of technical expertise. Thus, the coordinated exchange of technical information among staff creates a common knowledge base to insure that permit actions are taken in a consistent and timely manner.

8. **Goals, Objectives, and General Operating Principles.** These items are contained in the *General Operating Principles*, which is incorporated by reference.
9. **Scope.** This MOU will provide the operating guidance necessary to implement the Pilot DMMO under the previously agreed upon *General Operating Principles*.
10. **Required Actions.** The Pilot Dredged Material Management Office will make joint staff recommendations on the approval, modification or denial of:
  - a. Sampling and testing plans;
  - b. Results of testing pursuant to the approved plans;
  - c. Consolidated Permit Application completeness; and
  - d. Material suitability for disposal at existing in-bay disposal sites, ocean disposal site or upland disposal sites (DMMO staff members will sign a DMMO recommendation for a given disposal site only if they have regulatory authority for that site).

Agency staffs will also recommend general permit conditions (i.e. length of permit, bathymetric surveys) and special permit conditions (i.e. timing of dredging operations, turbidity controls), as appropriate, to be included in permit approvals.

Agency staffs shall support the consensus recommendations made through this process subject to final approval by the respective agencies. Recommendations will be documented in the minutes of the meetings and through member agency correspondence.



## **11. DMMO Agreements, Responsibilities And Roles**

For at least the first phase, DMMO responsibilities and roles will be as follows:

### **a. Host Agency Role.**

1. Provide logistical support (meeting rooms, etc.).
2. Provide for agenda preparation and distribution, a mutually agreeable schedule of meetings, and preparation of meeting minutes and their distribution.
3. Provide staff who are knowledgeable regarding DMMO projects and actions to act as the initial point of contact to and field questions from applicants and the public regarding the DMMO, and to refer inquiries to appropriate member-agency staff.
4. Maintain current files on the projects under the Pilot DMMO Program.
5. Coordinate processing of emergency dredging requests.
6. Prepare and mail joint Public Notices on DMMO matters.
7. Maintain (1) an electronic database for DMMO data containing status of dredging and disposal applications, and (2) electronic records of disposal site monitoring data that are accessible to the member agencies, applicants and the public.

### **b. Member Agency Roles.**

Each agency will provide adequate staff to participate in the DMMO. Knowledgeable staff will attend each scheduled meeting and at least one meeting will be held each month. At least one primary and one backup staff member will be designated to ensure that there will be representation from all DMMO member agencies. DMMO staff will work together in a cooperative approach as outlined in the General Operating Principles. Each representative will strive to reach consensus with the other DMMO members while representing the laws and policies of his or her agency. DMMO staff representatives will sign a DMMO recommendation for a given disposal site only if they have regulatory authority for that site. Member agencies may be required to provide electronic updates to the database mentioned above.

If a member agency is unable to provide staff to attend a scheduled DMMO meeting, the agency's DMMO representative shall submit a written summary of the agency's position(s) and/or questions regarding all projects listed on the final agenda for that meeting and that are within their jurisdiction or regulatory authority. Should an agency representative choose to defer on a particular project to the consensus reached by the other agencies, than this should also be indicated in the summary. This summary should be submitted to the host agency on or before the scheduled meeting date and be provided to the other members at the DMMO meeting.



**c. Role of Non-member Resource Agencies**

The non-member resource agencies, United States Fish and Wildlife Service, National Marine Fisheries Service and California Department of Fish and Game, will be requested to attend the DMMO meetings to provide their expertise and participate in discussions of the suitability of material for disposal, and any special permit considerations. While the non-member resource agencies will be invited to provide their recommendations, the member agencies will make the final DMMO recommendations on permit/lease related matters.

**d. Public Review and Input.**

**1. Project Notification.**

The member agencies will continue to follow their existing notification and comment procedures on pending applications, including circulation of staff reports, public notices, response letters, etc. The host agency will also provide information on the status of permit applications and other activities pending before the DMMO through an electronic database that can be accessed by applicants and the public through the internet.

A listing of all pending and recently approved 401 Water Quality Certification actions and 404 Nationwide Permits issued in the San Francisco Bay Area, pursuant to the federal Clean Water Act, will also be available from the Regional Board via a voice mail system and an internet connection (WWW Site).

**2. Comments.**

In addition to comments received through the existing public comment process of the member agencies, written comments on the DMMO or pending applications will be distributed by the host agency for consideration by member agencies at regularly scheduled meetings. The first fifteen minutes of each DMMO meeting will be reserved for public and applicant comments. An applicant or interested party may make a presentation to the DMMO staff at a regularly scheduled meeting, provided that the presentation is scheduled and any written materials are submitted at least five days in advance to the DMMO host.

If any additional tasks are added to the DMMO as a result of the final implementation plan, public involvement will be revisited to determine whether additional special public involvement is necessary.

**3. Annual Review.**

At least once per year, the DMMO will prepare an annual report and conduct a public meeting on the report. The report will contain information regarding dredging projects, permit issues, disposal site monitoring and other matters considered during the year. Presentations will be made, as needed, on technical issues and any studies and research that may have a direct or significant bearing on management of Bay Area dredging and disposal activities. The proceedings of the annual meeting will be compiled and made available to the public.



**e. Conflict Resolution.**

If consensus on substantive issues cannot be reached by the staff assigned to the DMMO, then a meeting or conference call will be arranged as soon as possible with the Dredging Management Committee (DMC). The DMC will attempt to resolve the conflict to the mutual satisfaction of the members. If resolution is not accomplished within two (2) DMC meetings, then the subject project will no longer be managed under the auspices of the DMMO and existing agency policies and procedures will be applied to the project. The Host agency will prepare a written report to be signed by all members, which will document in detail for the DMC, the nature and magnitude of the disagreement.

If a member agency determines that a pilot application will not be processed in an acceptably expeditious time period, then, after informing the other DMC members by phone or in writing, it may withdraw processing of the pilot application from the DMMO.

If an individual agency decides, for any reason, to process an application outside of the DMMO (without formal elevation to the Management Committee) that normally would be considered as a DMMO project, then this position should immediately be transmitted in writing, with the signature of the Management Committee member of that agency, to the DMC members.

**f. Timelines and Process.**

The following time frames will be considered goals:

1. The member agencies will respond to inquiries from applicants, the public or each other, within two (2) days for telephone responses, and within one (1) week for written response.
2. All applicant submittals will be placed on the next DMMO agenda providing that they are received at least one week in advance of a scheduled meeting.
3. The DMMO will respond to an applicants submittal of sampling plans, sampling results and/or other agendaized items within two weeks of DMMO consideration of the item. However, any dredging project proposing a change in a previously permitted material disposal environment, must submit a complete DMMO application prior to DMMO consideration of the SAP or sampling results.
4. The Host agency will distribute to the member agencies any submittals by applicants within five (5) days of receipt.
5. The member agencies will respond to applicants regarding the completeness of a submitted application within thirty (30) days after the application is submitted.
6. The Host agency will prepare and distribute draft meeting minutes to member agencies within five (5) days of the meeting date.



7. The DMMO agencies will issue any necessary public notices, or other staff reports regarding pending applications within thirty (30) days after the application is deemed complete.
8. The DMMO agencies will process applications in an expeditious manner so that the member agencies can issue or deny permits for those applications within ninety (90) days after the application is deemed complete.
9. Applicants will have an opportunity to appeal a DMMO recommendation, but only if DMMO staff agrees that there are sufficient grounds to warrant reconsideration, based on the written request and documentation submitted by the applicant. If a recommendation is modified by the member agencies, the host agency will make a written finding for the record. The applicant will be notified by letter or through a supplemental public notice.

12. **Amendment, Duration and Termination.** The DMMO is a phased program. The first two phases constitute the "pilot" program and each of these phases will last six (6) months. The pilot phases will implement the basic approach as outlined in this document and include the processing of dredging and disposal permit applications in order to judge the effectiveness of the approach and the need for subsequent modifications. The first six-month phase will begin upon signature by the member agencies, and the member agencies will use the results of the first phase to reevaluate DMMO tasks as well as agency responsibilities, consistent with management plan alternatives selected in the EIS/EIR for the LTMS program. It is envisioned by the member agencies that more tasks will be added to the DMMO over time as the effectiveness of the DMMO is demonstrated. These tasks could include joint agency sediment-suitability decisions, processing of all dredging and disposal permit applications and Corps civil work dredging and disposal projects, and establishing a database of sediment test results.

During the first six-month phase, the following conditions will apply:

- a. The COE will undertake the role of host agency.
- b. The DMMO will process all maintenance dredging and disposal permit applications.
- c. COE civil works projects, navigation improvements, etc., shall not be processed through the DMMO.
- d. Large new-work dredging and disposal projects and projects where dredging and disposal is a minor part of the project (as determined on a case-by-case basis) will not be processed through the DMMO.
- e. Each member agency will issue sediment suitability recommendation letters.

During the second six-months phase, the above conditions will apply with the following changes:

COE civil works projects, navigation improvements, etc., shall be processed through the DMMO consistent with the procedures contained in this MOU, however the Corps will not submit a formal DMMO application form and DMMO approval letters will not be written for COE projects. Results of DMMO deliberations will be documented in the meeting minutes.



The development and implementation of the web page and associated database will occur during this period.

After the completion of each pilot phase, the member-agency staffs will prepare a report to the Dredging Management Committee on the progress and success of the DMMO. The reports will contain an analysis of problems and issues and recommendations for further actions. Within one month of receipt, the DMC shall review the progress reports, decide whether to continue with the DMMO, and revise, as necessary, the conditions under which the office will operate.

The second phase will implement the DMMO subject to the revisions, if any, approved by the DMC.

At the end of the Pilot program the DMC will initiate whatever changes are needed to implement a permanent DMMO, based on the findings and recommendations of the two reports prepared by member agency staff.

This MOU is intended to remain in effect for as long as it continues to serve the purpose and objectives defined herein, subject to the following conditions:

- a. This MOU may be modified or amended by mutual consent of the signatories to this agreement or their designees. All such changes shall be documented by written agreement.
- b. Any of the agencies may terminate this MOU thirty (30) days after giving formal written notice of intent to terminate.



13. **Effective Date.** This revised MOU is effective immediately after execution by all the signatories.



WILL TRAVIS  
San Francisco Bay Conservation &  
Development Commission

28 MARCH 1997

(date)



ALEXIS STRAUSS  
U.S. Environmental Protection Agency

28 March 1997

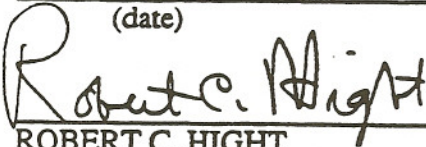
(date)



LT. COL. RICHARD G. THOMPSON  
U.S. Army Corps of Engineers

28 March 1997

(date)



ROBERT C. HIGHT  
State Lands Commission

4-2-97

(date)



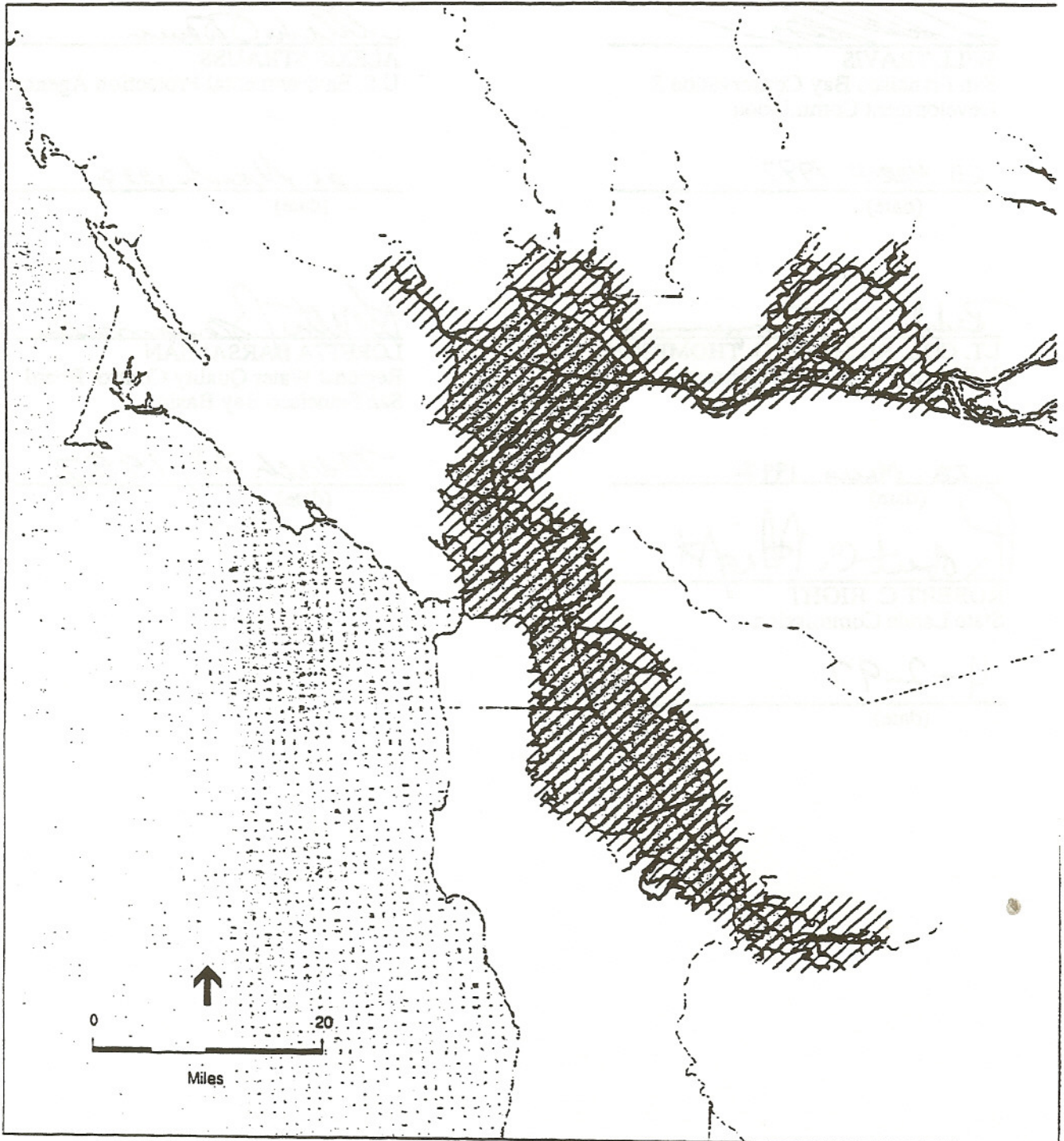
LORETTA BARSAMIAN  
Regional Water Quality Control Board  
San Francisco Bay Basin

March 28, 1997

(date)



## Pilot Dredged Material Management Office (DMMO) Geographic Area



**CONSOLIDATED DREDGING-DREDGED MATERIAL  
REUSE/DISPOSAL PERMIT APPLICATION FORM**

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**CONSOLIDATED DREDGING-DREDGED MATERIAL  
REUSE/DISPOSAL PERMIT APPLICATION**

(Please completely follow instructions provided with application) [rev 3/97]

**SECTION I - GENERAL INFORMATION**

**1. APPLICANT INFORMATION**

☐ Individual    ☐ Legal Entity    ☐ Government    ☐ Non-profit

Applicant Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: a. Residence (    ) \_\_\_\_\_ - \_\_\_\_\_

b. Business (    ) \_\_\_\_\_ - \_\_\_\_\_

Applicant Business Type - Check One If Applicable (See Instructions)    ☐ Sole Proprietorship

☐ Partnership    ☐ Corporation    ☐ Government Agency    ☐ Other Association  
Description \_\_\_\_\_

**2. REPRESENTATIVE INFORMATION**

Applicant's authorized agent, point of contact and/or representative    ☐ None

Name, Title: \_\_\_\_\_

Organization: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: (    ) \_\_\_\_\_ - \_\_\_\_\_

I hereby authorize \_\_\_\_\_  
to act as my representative and bind me in all matters concerning this application.

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

Who should receive correspondence relevant to this application?

☐ Applicant    ☐ Representative    ☐ Both

**FOR DMMO OFFICE USE ONLY: Data Base Entry**    ☐ Yes    ☐ No

Date Received: \_\_\_\_\_

COE No. \_\_\_\_\_

Date Complete: \_\_\_\_\_

BCDC No. \_\_\_\_\_

SAP Approved: \_\_\_\_\_

RWQCB No. \_\_\_\_\_

Data Submitted: \_\_\_\_\_, Approved: \_\_\_\_\_

SLC No. \_\_\_\_\_

"This application shall serve as, and be functionally equivalent to, a Report of Waste Discharge, pursuant to Sections 13260, 13374 and 13377 of Article 4, Chapter 4 of the Porter-cologne Water Quality Control Act."

SECTION II - PROJECT INFORMATION

3. DREDGING PROJECT

Project Name or Title: \_\_\_\_\_

Type of Dredging Project: ☐ Maintenance ☐ New Work (see instructions)

☐ Single Episode ☐ Multi-Episode

Project Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Project Need and/or Purpose: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Month and year work is proposed to begin: \_\_\_\_\_, complete: \_\_\_\_\_

Estimated total project cost: \_\_\_\_\_

Project Location:

County: \_\_\_\_\_ Nearest City: \_\_\_\_\_

Latitude(s): \_\_\_\_\_ Longitude(s): \_\_\_\_\_

Waterway: \_\_\_\_\_

Proposed type of equipment to be used: \_\_\_\_\_  
\_\_\_\_\_

Will the project result in the construction of temporary or permanent structures or other than normal dredging equipment? ☐ Yes ☐ No If Yes, describe \_\_\_\_\_  
\_\_\_\_\_

Depth of dredging based on	Proposed design depth	_____
Mean Lower Low Water datum (MLLW):	Over/depth tolerance	_____
(Existing depth _____)	Proposed total depth	_____

Volume of material to be dredged: \_\_\_\_\_ cy, area of dredging \_\_\_\_\_ acres

Type(s) of substrate being dredged: ☐ Sub-tidal Bottom ☐ Mudflat ☐ Wetlands

☐ Other (explain): \_\_\_\_\_

Does the project involve activities within the Suisun Marsh Protection Zone? ☐ Yes ☐ No If Yes, complete Box 7

Please list agency and identification numbers of any previous permits for this activity:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



### SECTION III - DISPOSAL SITE INFORMATION

#### 4. DIRECTIONS (Please answer all questions)

Does the project involve unconfined aquatic disposal ?  
If Yes complete box 5

☐ Yes

☐ No

Does the project involve upland, wetland or reuse disposal ?  
If Yes complete box 6

☐ Yes

☐ No

Does the project involve disposal within  
the Suisun Marsh Protection Zone ?  
If Yes complete box 7

☐ Yes

☐ No

#### 5. AQUATIC DISPOSAL

Site: ☐ SF-9 ☐ SF-10 ☐ SF-11 ☐ SF-DODS

☐ Other (Explain): \_\_\_\_\_

Note: Disposal at other aquatic sites without prior authorization is prohibited,  
separate authorization will be required to use such sites (see instructions)

#### 6. PROPOSED UPLAND, WETLAND OR REUSE DISPOSAL SITE INFORMATION

Site Name: \_\_\_\_\_

Site Description (see instructions): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Site Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Latitude(s): \_\_\_\_\_ Longitude(s): \_\_\_\_\_ Zoning: \_\_\_\_\_

Owner's Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: ( ) \_\_\_\_\_ - \_\_\_\_\_

Does project affect jurisdictional wetlands ? ☐ Yes ☐ No If Yes, give name and  
permit number of approved wetland project where material will be placed: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### SECTION III - DISPOSAL SITE INFORMATION (CONTINUED)

#### 6. CONTINUED

Is the site an existing site that regularly receives dredged material: ☐ Yes ☐ No

Year site was last used for dredged material disposal: \_\_\_\_\_

Will the dredged material be sold or used for private purposes? ☐ Yes ☐ No

If Yes, annual income received or projected: \_\_\_\_\_

If projected please show basis of projection (see instructions): \_\_\_\_\_

Anticipated volume (in-place) of dredged material to be disposed: \_\_\_\_\_ cu. yds.

Will the disposal result in the construction of temporary or permanent structures or the use of other than normal dredged material disposal equipment?

☐ Yes ☐ No

If Yes, describe: \_\_\_\_\_

Will the proposed disposal affect existing public access or public recreational facilities?

☐ Yes ☐ No

If Yes, describe how impacts would be mitigated: \_\_\_\_\_

#### 7. SUISUN MARSH DEVELOPMENT INFORMATION

ID number(s) of any previous local marsh development permit(s) issued for work at this site:

\_\_\_\_\_ ☐ None

Duck Club number(s) \_\_\_\_\_ ☐ None

If Yes, is the project consistent with the individual management plan for the property certified by the San Francisco Bay Conservation and Development Commission? ☐ Yes ☐ No

If No, submit an explanation of how the project can be approved despite the inconsistency.



## SECTION IV - OTHER REQUIRED INFORMATION

### 8. ENVIRONMENTAL APPROVALS

- a. Has an EIR or an EIS been prepared for the project? ☐ Yes ☐ No
- b. Is the project categorically exempt from the need for any environmental documentation?  
If "Yes" attach a statement from the lead agency supporting this categorical exemption ☐ Yes ☐ No
- c. Was an EA prepared for previous dredging at this site? ☐ Yes ☐ No
- d. If (a) is No, will an EIR or be prepared? ☐ Yes ☐ No
- e. If (d) is No, has a negative declaration been prepared (or is one being prepared)? ☐ Yes ☐ No
- f. If (d or e) is Yes, please answer the following:  
 (1) Who will prepare the EIR or negative declaration? \_\_\_\_\_  
 \_\_\_\_\_  
 (2) Approximate date of completion: \_\_\_\_\_
- g. Provide a copy of the project environmental documentation with your application

### 9. OTHER APPROVALS (see instructions)

CA DEPARTMENT OF FISH AND GAME - 1601 & 1603 Approval ☐ None Required

Number

Date of Application

Date of Issuance

#### LOCAL GOVERNMENT APPROVALS

☐ None Required

Approving Agency

Type of Approval

Date of Approval

Local Contact and Phone

### 10. DISCLOSURE OF CAMPAIGN CONTRIBUTIONS

Disclose any campaign contributions in excess of \$250 to officials of the agencies using this application form: ☐ No such campaign contributions have been made

Contribution Made To:

Contribution Made By:

Date of Contribution:

**11. ADJOINING PROPERTY OWNERS**

Provide addresses of property owners, lessees, etc., whose property adjoins the project and disposal site (disposal site information not required for the designated aquatic sites). If more than can be entered here, please attach a supplemental list:

**12. CHECKLIST OF ADDITIONAL INFORMATION TO BE SUBMITTED**

Complete and attached or Expected Submission Date

Sampling & Analysis Plan (SAP):	<input type="checkbox"/>	<input type="checkbox"/>	_____
Testing Data:	<input type="checkbox"/>	<input type="checkbox"/>	_____
Calculations:	<input type="checkbox"/>	<input type="checkbox"/>	_____
Organizational Document	<input type="checkbox"/>	<input type="checkbox"/>	_____
Environmental Document	<input type="checkbox"/>	<input type="checkbox"/>	_____
Drawings and Maps:	<input type="checkbox"/>	<input type="checkbox"/>	_____
Proof of Legal Interest	<input type="checkbox"/>	<input type="checkbox"/>	_____
Statement of Consistency	<input type="checkbox"/>	<input type="checkbox"/>	_____
Fees	<input type="checkbox"/>	<input type="checkbox"/>	_____
BCDC Posting Certification	<input type="checkbox"/>	<input type="checkbox"/>	_____

**13. CERTIFICATION OF ACCURACY OF INFORMATION**

I hereby certify under penalty of perjury that to the best of my knowledge the information in this application and all attached exhibits is full, complete, and correct, and I understand that any misstatement or omission of the requested information or of any information subsequently requested shall be grounds for denying the permit, for suspending or revoking a permit issued on the basis of these or subsequent representation, or for the seeking of such other and further relief as may seem proper to the permitting agencies.

\_\_\_\_\_  
Signature of Applicant or Applicant's Representative

\_\_\_\_\_  
Date



CONSOLIDATED PERMIT APPLICATION FORM  
INSTRUCTIONS

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Instructions for Preparing the  
Consolidated Dredging-Dredged Material Reuse/Disposal Permit Application

[rev 3/97]

A pilot inter-agency Dredge Material Management Office (DMMO) has been established to simplify the dredging permit process in the San Francisco Bay region. The Consolidated Dredging-Dredge Material Reuse/Disposal Permit Application is part of this process and is the only permit application that you need to complete for most proposed dredging projects in the San Francisco Bay area. The application is accepted for Section 404 and/or Section 10 dredging permits by the San Francisco District of the Corps of Engineers, for an administrative San Francisco Bay Conservation and Development Commission dredging permit, the application shall serve as, and be functionally equivalent to, a CA Regional Water Quality Control Board, Report of Waste Discharge, pursuant to Sections 13260, 13374 and 13377 of Article 4, Chapter 4 of the Porter-Cologne Water Quality Control Act and for dredging project leases from the California State Lands Commission.

These instructions are intended to assist you in the preparation of the Consolidated Dredging Permit Application. The application form is divided into four sections. Section I covers the general information that is needed for all applications, Section II covers the specific details of the proposed dredging project, Section III covers the proposed dredge disposal site, and Section IV covers other required information.

These instructions also provide guidance on the types and format of drawings and other information that must accompany the completed application.

## SECTION I

**Box 1. Applicant Information:** Enter the name of the responsible party or parties. If more than one party is associated with the application, please attach a sheet providing the same information for co-applicants (marked Box 1).

If the applicant is a partnership, corporation, government agency or other association, evidence must be provided to ensure that the person who signs the application is empowered to represent and make commitments on behalf of the organization submitting the application. To accomplish this, such applications must include either a resolution authorizing the person who signs the application to represent and bind the applicant or bylaws that establish that the person who signs the application holds a position that is empowered to act on behalf of the legal entity. Corporate resolutions must be from the corporation's board of directors. Public agency resolutions must be from the city council, board of supervisors or similar highest policy body which governs the organization. Space is provided to describe the nature of the empowerment if necessary.

**Box 2. Representative Information:** Sometimes an applicant, owner or co-applicant is represented by another person who handles the details of securing the required approvals for the project. If this is the case, indicate the name of the individual or agency, designated to be the representative for the project. An agent can be an attorney, builder, contractor, consultant or any other person or organization. Note: An agent is not required. If the applicant, owner or co-applicant is represented by someone else, the applicant must complete and sign the authorization portion of Box 2. If a representative is authorized, please indicate who should receive correspondence regarding the application.



## SECTION II

**Box 3. Dredging Project:** This section must be completed by all applicants.

**Project Name and Title** - Please provide name identifying the proposed project.

**Type of Dredging Project** - Please place a check in the box indicating whether the project is maintenance dredging or a new work dredging project and also indicate in the appropriate box whether the project is a single episode or multi-episode (year) project.. [Note: new work projects involving over 100,000 cubic yards in 30 months, or any disposal project requesting authorization for more than 30 months time period, cannot be processed as administrative permits by the San Francisco Bay Conservation and Development Commission (BCDC) and should not applied for using this consolidated form. A standard BCDC application is required.]

**Project Description** - Briefly describe the overall activity or project. If additional space is needed use a continuation sheet marked Box 4.

**Project Need and/or Purpose** - Provide a brief description of the major purposes that the project will serve or the needs that will be met through accomplishment of the project (e.g. deepening a navigational channel, extracting sand, constructing a marina, etc.). Use continuation sheet marked Box 4, if necessary.

**Date work is proposed to begin and be completed** - Based on an estimate of how long it will take to get all the necessary approvals, financing, and other preliminary work, indicate the month and year when the work to be authorized is proposed to begin. In addition, based on a realistic construction schedule indicate the month and year when the work is proposed to be completed.

**Estimated total project cost** - Provide an estimate of the cost of the complete dredging and disposal project being proposed.

**Project Location** - Please provide the name of the county where the dredging project is located and the city nearest the project. Provide the latitude(s) and longitude(s) of the dredging site and identify the waterway in which it is located (e.g. San Pablo Bay, Petaluma River, etc.).

**Type of dredging equipment** - Describe the type of equipment to be used to accomplish the dredging (e.g. clamshell, hydraulic, barge size, etc.). If the project will involve the construction of temporary or permanent structures or utilize other than normal dredging equipment please indicate and describe.

**Depth of dredging** - Provide the existing and proposed design depths, over/depth tolerance and total depth of dredging for the project in terms of Mean Lower Low Water (MLLW) datum.

**Total volume** - Please provide an estimate of the total volume of material to be dredged in cubic yards.

**Area of dredging site** - Provide an estimate of the total acreage of the dredging site.

**Type of substrate** - Please check the appropriate box if sub-tidal bottom (normal S.F. Bay bottom), mudflats or wetlands are involved and provide a brief description of any other types of substrate (bottom) areas being dredged.

**Suisun Marsh** - If the dredging site is located within the Suisun Marsh protection zone please indicate and be sure to complete Box 7 of the application. If you are unsure, contact the San Francisco Bay Conservation and Development Commission.

**Previous permits** - Please provide the identification number of any previous permits for this dredging activity and the issuing agency. It is often possible to amend an existing permit rather than process a new permit and it is helpful to permit analysts to refer to previous approvals.



## SECTION III

**Box 4. Directions:** The purpose of this box, all questions of which must be completed by all applicants, is to serve as a guide that determines what disposal site elements of the application form must be completed for your project. Each of the three questions needs a "Yes" or "No" answer. There may be "Yes" answers to more than one of the questions and the question directs the box to be completed for a "Yes" answer. If a question is answered "No" the box shown as related to that question may be skipped.

**Box 5. Aquatic Disposal:** Only four sites are currently authorized for unconfined aquatic disposal in the San Francisco Bay region: S.F.- 9 (Carquinez Strait); S.F. -10 (San Pablo Bay); S. F. -11 (Alcatraz) and; S.F. - DODS (Deep Ocean Disposal Site). If one of these disposal sites is proposed to be used for the project mark that box. [Note: any dredging project that proposes a change in a previously permitted material disposal environment, must submit a complete DMMO application prior to SAP approval. Such projects may need to be reviewed by the Dredging Management Committee which will provide management direction to the DMMO]. If you are uncertain about the location or limitations on the use of any of these sites contact the Dredge Material Management Office, or the Corps of Engineers. If the project proposes any form of aquatic disposal other than the use of these designated sites please provide a complete description of the proposed site and method of disposal, use a continuation sheet marked Box 6 if necessary. [Note: it is likely that separate authorization will be necessary to use such sites and that individual applications to the regulatory agencies for such authorization will be required.]

**Box 6. Proposed Upland, Wetland or Reuse Disposal Site Information:** This box is to be completed if the disposal of dredged material is proposed for other than aquatic disposal.

**Site Name** - Please provide the name of the proposed disposal site.

**Site Description** - Provide a brief description of the existing condition of the proposed disposal site, including the present elevations, current vegetation, existing structures and use of the site. Use a continuation sheet marked Box 6, if more space is needed.

**Site Address** - Provide the most accurate address possible for the disposal site including a street address if one exists. Please provide latitude(s) and longitude(s) for the site and the current zoning designation. If the zoning is not known, it can usually be obtained from the county or city planning office.

**Owners Name and Address** - Please provide the name and address of the owner of the property on which the proposed disposal site is located.

**Jurisdictional Wetlands** - Please indicate by marking the appropriate box, whether the disposal will affect any delineated jurisdictional wetlands. If the disposal is a proposed at an approved wetlands project site, give the name and permit number of the site. [Note: separate authorization involving individual applications to the regulatory agencies will be required for the dredging project if the wetlands disposal site is not already permitted.]

**Existing disposal site:** - Indicate if the proposed disposal site is an existing, established disposal site that regularly (or periodically) receives dredged material.



- Site last used** - If the proposed disposal site has been used previously for the disposal of dredged material, please give the year of the most recent disposal episode.
- Disposal site income** - If income is produced from the disposal or sale of dredged material at the proposed site, please indicate and provide an estimate of actual or projected annual income. If the annual income is projected show the basis of that projection (e.g. per cubic yard, etc.) -
- Anticipated volume** - Provide an estimate of the total in place volume of the dredged material to be placed at the disposal site by the proposed project.
- Type of disposal equipment** - Describe the type of equipment to be used to accomplish the disposal. If the project will involve the construction temporary or permanent structures (eg: levees) or utilize other than normal disposal equipment please indicate and briefly describe.
- Public access/recreational facilities** - Please check if the disposal project will affect existing public access or public recreational facilities. If yes, describe how the project proposes to mitigate those impacts.

**Box 7. Suisun Marsh Development Information:** Several items are unique to dredging activities that occur with the Suisun Marsh Protection Zone. In this box provide the requested information on local marsh development permits and duck club numbers. Be sure to check "None" if it applies. If your project occurs in the Suisun Marsh area and you are unsure whether it is consistent with the individual management plan for the property, you are advised to consult with the San Francisco Bay Conservation and Development Commission.

## SECTION IV

**Box 8. Environmental Approvals:** The California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA) require that the environmental impacts of a proposed project be addressed before any permit is granted. The purpose of this box is to learn the status of the required environmental approvals. [Note: (1) a copy of the project's environmental documentation should be included with the permit application submittal; (2) an application may not be filed as complete until environmental compliance is assured.]

- (a) **EIR and/or EIS** - If an Environmental Impact Report (EIR - CEQA) and/or an Environmental Impact Statement (EIS - NEPA) related to dredging in this location has ever been prepared please indicate on the form.
- (b) **Categorically Exempt** - Normally maintenance dredging is found to be categorically exempt from CEQA requirements. If the project is for maintenance dredging and is known to be covered by the exemption please check "Yes" in the appropriate location on the form and attach documentation from the lead agency.
- (c) **Environmental Assessment (EA)** - If the site has been dredged previously and a NEPA EA prepared, please indicate on the form and provide a copy.
- (d) **EIR Preparation** - If no environmental document has been completed, but it is known that an EIR will be prepared to respond to CEQA please note by checking "Yes" and providing the information requested in question (f) of Box 8.
- (e) **Negative Declaration** - In some instances a Negative Declaration or a finding of no significant impacts is sufficient to respond to CEQA. If a Negative Declaration has been prepared for the proposed project check "Yes" and include a copy. If one is under preparation please complete question (f) in Box 8.
- (f) **Preparer** - Generally, a local government is the "lead agency" under CEQA and completes the environmental requirements for projects under its jurisdiction. If



CEQA environmental documents are under preparation, please indicate the entity that is preparing them and provide an estimated date of completion.

- (g) **Copies** - As noted above, please provide copies of the project's environmental documentation.

**Box 9. Other Approvals:** Other state and local approvals may be required for a dredging project. Please provide verification of contacts with other agencies to determine if permits are (are not) required.

**CA Department of Fish and Game** - The California Department of Fish and Game (DFG), under the Fish and Game Code, Sections 1601 and 1603, regulates changes made to the bed, channel or banks of streams or rivers. Dredging proposals within the greater San Francisco Bay area that occur on the periphery of the tidally-influenced Bay, but which also are within well defined rivers and streams are subject to these mutual agreements (commonly called Streambed Alteration Agreements) between DFG and the project applicant. The jurisdictional boundaries for areas needing such agreements are defined by DFG. If you are unsure if your project is subject to the need for a 1601 or 1603 agreement you are advised to consult with DFG to determine if the project and/or disposal site falls within their jurisdiction.

**Local Government Approvals** - If local approvals are required they should be listed on the form. Indicate the name of the approving agency and the type of discretionary approval that is required. Also provide the date of approval and a local contact person and phone number. Note that some state agencies require the issuance of all required local approvals prior to initiating action on permit applications. Early consultation with agencies is recommended.

**Box 10. Disclosure of Campaign Contributions:** Any campaign contributions in excess of \$250 to officials (including commission members) of the regulatory agencies using this consolidated form must be disclosed. If no contributions have been made please indicate by checking the box.

**Box 11. Adjoining Property Owners:** List complete names and full mailing addresses of the adjacent property owners (public and private) lessees, etc., whose property adjoins the dredging and disposal sites so that they may be notified of the proposed activity (usually by public notice). Adjoining owner information is not required for use of the designated disposal sites. Use a continuation sheet if necessary.

**Box 12. Checklist of Additional Information to be Submitted:** This box identifies other information that is required before your dredging application can be accepted as complete and processing of the application initiated. Please indicate by checking in the appropriate box if the material indicated is complete and attached to the application package. If the material is not complete please indicate the expected submission date on the application form. [ Note: See directions for Drawings, Submittals, Application and Processing Fees at the end of these instructions.]

**Sampling & Analysis Plan (SAP)** - You are required to develop a biological and/or chemical testing plan in accordance with the Corps, San Francisco District Public Notice 93-2 (1 February 1993) or appropriate ocean or inland testing protocol. You should initiate consultation with the DMMO as early as possible in the planning of your dredging project to develop an acceptable



sampling and analysis plan. A hydrographic survey of the dredging site, conducted within the preceding 90 days is necessary to initiate the development of the SAP. The area to be dredged must be clearly delineated on the survey.

**Testing Data** - When the sampling conducted in accordance with the SAP is complete, preparation and submission of the testing data is required for your consolidated dredging permit application package to be accepted as complete. To be considered valid, the testing of a proposed dredge site must have occurred within one year of the date of submittal of the permit application.

**Calculations** - Provide one copy of the computations used for the determination of the quantities to be dredged.

**Organizational Documentation** - See instructions for Box 1.

**Environmental Documentation** - See instructions for Box 8.

**Drawings and Maps** - See special instructions.

**Proof of Legal Interest** - It is necessary for the applicant or the land owner to have adequate legal interest in the underlying property to carry out the project and comply with any conditions that may be part of approval. This legal interest must be either through fee interest, an easement, a leasehold, an option or eminent domain. Proof of legal interest is needed for the dredging site and disposal sites, if disposal is proposed at other than the designated aquatic sites. To demonstrate legal interest, it is necessary to submit a property map and a recently issued title report or grant deed, including a metes and bounds description, or other information of similar accuracy and reliability to show that the applicant holds legal interest in the project site.

**Statement of Consistency** - Please provide a brief explanation of your projects consistency with the policies regarding dredging and disposal in the San Francisco Bay Area. To do this, describe if upland disposal alternatives were considered and if aquatic disposal is proposed, explain how the project relates to limiting disposal site quantities and timing for aquatic resource protection. Also, use this opportunity to explain how your project complies with the BCDC Bay Plan.

**Box 13. Certification of Accuracy of Information:** This box which certifies the accuracy of the information provided in the application form, must be signed by every applicant or their representatives who have been legally authorized to act on behalf of the applicant. The signature shall be an affirmation that the party applying for the permit possesses the requisite property rights to undertake the activity applied for (including compliance with special conditions, mitigation, etc.).

## **DIRECTIONS FOR DRAWINGS, SUBMITTALS, APPLICATION AND PROCESSING FEES**

**Drawings and Maps** - General instructions are provided for the drawings and maps to support a dredging permit application. Additional detail regarding this subject can be found in the Application Information Booklet (EP 1145-2-1) available from the Corps of Engineers and the General Application Instructions available from the San Francisco Bay Planning and Development Commission.



Three types of illustration are needed to properly depict the work to be undertaken. These illustrations or drawings are identified as a Vicinity Map, a Plan View and a Typical Cross-Section. Identify each illustration with a figure number.

Each illustration should identify the project, the applicant, and the type of illustration (vicinity map, plan view or cross-section). Each illustration should also have at least a one-half inch margin on each side, a north arrow, vertical and horizontal scales shown, datum given and be dated.

Both the area to be dredged and the disposal area should be identified and shown on the illustrations. The illustrations should also show testing locations, depths of dredging, and the locations of any adjacent structures (piers, wharfs, etc.).

All illustrations should be legible and on good quality 8 1/2 x 11 inch plain white paper (tracing paper or film may be substituted). Use the fewest number of sheets necessary for your drawings or illustrations. [Note: While illustrations need not be professional, they should be clear, accurate and contain all necessary information.]

Submittal - If desired, one copy of the completed application form, drawings and testing data may be submitted directly to each of the DMMO participating agencies whose contact names and addresses are provided in these instructions (all other checklist documents are only required to be submitted to BCDC and the Corps) or alternately, six copies of the completed application form, drawings and testing data (and two copies of the supplemental documents) may be submitted to the attention of Mr. David Dwinell, Construction-Operations Division, San Francisco District, Corps of Engineers, 333 Market Street, San Francisco, CA 94105-2197.

Application and Processing Fees - Each of the regulatory agencies participating in the DMMO and accepting the Consolidated Dredge Permit Application has their own unique fee structure and should be provided directly to that agency.

The Corps of Engineers does not require the submittal of a fee with the application. At the time of issuance the Corps requires a fee of \$10 for a private party, \$100 for a commercial project and no fee for a public agency project.

The fee schedule for the San Francisco Bay Conservation and Development Commission is attached.

The fee schedule for the CA Regional Water Quality Control Board is attached. The Regional Board's upland disposal annual fee is decided on a case by case basis according to a fee schedule based on the "threat to water quality and complexity". Currently these fees range from \$500 to \$10,000 per year.

The California State Lands Commission requires submittal of an \$825 reimbursable agreement for staff time involved in processing dredging project leases.

BCDC Notice of Application Form - The applicant must complete the attached BCDC Notice of Application and place it in a prominent location at or near the project site so that it will be visible to members of the public. The applicant must then complete and sign the attached Certification of Posting form and return it directly to BCDC at the address shown.



## DMMO Participating Agencies and Staff Contacts:

David Dwinell, DMMO Coordinator  
Construction-Operations Division  
San Francisco District  
Corps of Engineers  
333 Market Street  
San Francisco, CA 94105-2197

Phone (415) 977-8471  
FAX (415) 977-8483

Rob Lawrence, Regulatory Dredging Manager  
Corps of Engineers  
Regulatory Branch  
San Francisco District  
333 Market Street, Suite 812  
San Francisco, CA 94105-2197

Phone (415) 977-8447  
FAX (415) 977-8483

Tom Gandesbery  
CA Regional Water Quality Control  
Board  
San Francisco Bay Region  
2101 Webster Street, Suite 500  
Oakland, CA 94612

Phone (510) 286-0841  
FAX (510) 286-0928

Erika Hoffman  
U.S. Environmental Protection Agency  
Region IX  
75 Hawthorne Street  
San Francisco, CA 94105

Phone (415) 744-1986  
FAX (415) 744-1078

Eric Larson  
S. F. Bay Conservation and  
Development Commission  
Thirty Van Ness Ave., Suite 2011  
San Francisco, CA 94102-6080

Phone (415) 557-3686  
FAX (415) 557-3767

Mary Howe  
State Lands Commission  
Division of Land Management  
100 Howe Ave., Suite 100-South  
Sacramento, CA 95835-8202

Phone (916) 574-1839  
FAX (916) 574-1925

SAN FRANCISCO REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION  
WEBSTER STREET, SUITE 500  
SAN FRANCISCO, CA 94112  
86-1255



## FEE SCHEDULE FOR CLEAN WATER ACT SECTION 401 WATER QUALITY CERTIFICATION

Pursuant to a memorandum from the State Water Resources Control Board dated 2/23/94, the following are the fees for Regional Board water quality certification and waivers. The authority for issuance of water quality certification is found in the Clean Water Act Section 401(a)(1). Water quality certification may be waived for projects involving less than two acres of fill or less than 50,000 cubic yards of dredging. The fees for waiver or certification are listed below.

### 1. Waiver of Water Quality Certification for fill (up to 2 acres):

- Processing cost of \$50/hr (staff costs) up to a maximum of \$1000/acre
- Minimum waiver fee is \$500

### 2. Water Quality Certification for fill:

- One acre or less, flat fee of \$1000
- More than one acre, \$1000 per acre or part thereof, up to a maximum of \$10,000

### 3. Fees for Dredging (waiver or certification)

- Less than 10,000 cubic yards, flat fee of \$500
- 10,000 to 20,000 cubic yards, flat fee of \$1000
- More than 20,000 cubic yards, \$2000 plus \$250 for each additional 5,000 cubic yards or part thereof (up to maximum of \$10,000)

The authority to collect fees is found in the California Code of Regulations, Section 3833(b). The fee schedule for discharges of dredged and fill material is found in California Code of Regulations, Title 23, Section 2200. Section 2200(h) provides authority to charge for issuing waivers of certification at the rate of \$50.00 per hour of staff time invested.



## SPECIAL INSTRUCTIONS: Processing Fees

Fees are charged to cover a small portion of the cost of processing an application. The amount of the fee is based on the project's location and the *total project cost*. The accompanying table indicates the most common categories of fees. Fees for projects that fall into two or more categories are based on the fee for the highest category, not the total of all categories. Fees for emergency permits are the same as fees for ordinary projects. Fees for material amendments are the same as the fees for new projects. Fees for applications arising from enforcement investigations are double the cost of normal fees. [California Code of Regulations, section 10337]

None of the fees can be waived for any reason. Refunds of a portion of a permit fee can be made if an application is withdrawn. The amount of the refund depends on the type of authorization applied for and when the application is withdrawn. [California Code of Regulations, section 10335]

If the Commission serves as the "lead agency" under the provisions of the California Environmental Quality Act, an additional fee of \$300 is charged for analyzing, processing and distributing environmental documents. In addition, another \$500 fee is charged if an environmental assessment must be prepared. The applicant may be required to pay the cost of retaining consultants if the Commission's staff determines that specialized information is needed to complete the required environmental analysis of a project. If an EIR must be prepared for the Commission either by its staff or a consultant, the cost of this work must be paid by the applicant. [California Code of Regulations, section 11540 et seq]

If there is any question about the amount of the fee that must be paid to process an application, this matter should be discussed with the Commission's staff before submitting the application. An application cannot be officially filed until the proper processing fee is received by the Commission.

### FEE SCHEDULE

- ☐ The first time extension to a permit: \$50
  - ☐ A nonmaterial amendment to a permit other than a first time extension: \$100
  - ☐ An activity authorized by a regionwide permit: \$100
  - ☐ A minor repair or improvement with a total project cost (TPC) of:
    - Less than \$300,000: \$150
    - \$300,000 to \$10,000,000: 0.5% of TPC
    - More than \$10,000,000: \$5,000
  - ☐ Any other project that does not qualify as a minor repair or improvement with a total project cost (TPC) of:
    - Less than \$250,000: \$250
    - \$250,000 to \$10,000,000: 1% of TPC
    - More than \$10,000,000: \$10,000
  - ☐ Federal consistency submittal: none
- All fees are doubled for after-the-fact applications to correct violations.



# NOTICE

DATE POSTED: \_\_\_\_\_ 19 \_\_\_\_

NOTICE IS HEREBY GIVEN THAT

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HAS SUBMITTED AN APPLICATION TO THE  
SAN FRANCISCO BAY CONSERVATION AND DEVELOPMENT COMMISSION  
REQUESTING A PERMIT TO (brief description of work and uses)

AT A PROPERTY KNOWN AS (address or other property description)

Persons interested in the project proposed in the application may request further information and notice of any hearings by writing to the Commission at Thirty Van Ness Avenue, Suite 2011, San Francisco, California 94102, or by telephoning (415) 557-3686. The application and any supplementary materials may be reviewed at the Commission's offices immediately.



BCDC PERMIT APPLICATION NO.

( )

## CERTIFICATION OF POSTING OF NOTICE

San Francisco Bay Conservation  
and Development Commission  
Thirty Van Ness Avenue, Suite 2011  
San Francisco, California 94102

RE:

*(brief description of project)*

I,

*(name of applicant or agent)*

hereby certify that on \_\_\_\_\_  
*(date)*

I or my agent or employee posted in a prominent location at or near the  
project site the Notice of Application provided by the San Francisco Bay  
Conservation and Development Commission.

Date: \_\_\_\_\_ By: \_\_\_\_\_  
*(Signature)*

Title: \_\_\_\_\_  
*(Title)*

# **DREDGE MATERIAL MANAGEMENT OFFICE (DMMO)**

## **SECOND SIX-MONTH PILOT PHASE REVIEW REPORT**



**January 1998**

*Long-Term Management Strategy (LTMS) for the Placement of Dredged Material  
in the San Francisco Bay Region*

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San Francisco Bay  
Conservation and  
Development  
Commission

California  
State Lands  
Commission

California State  
Water Resources  
Control Board

US Army  
Corps of  
Engineers

US Environmental  
Protection Agency

San Francisco Bay  
Regional Water  
Quality Control  
Board

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# LONG TERM MANAGEMENT STRATEGY



## Dredge Material Management Office (DMMO) Completes Second Six-Month Pilot Phase

The San Francisco Bay Area's Dredge Material Management Office (DMMO) has completed its review of the second six-month pilot phase of the program. The DMMO is a joint program of the San Francisco Bay Conservation and Development Commission (BCDC); the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB); the State Lands Commission (SLC); the U.S. Army Corps of Engineers, San Francisco District (USACE); and the U.S. Environmental Protection Agency (USEPA). In late 1995, a pilot DMMO program was initiated to determine whether and how a permanent program such as this should be established and operated. The attached report prepared by the staff of the participating DMMO agencies evaluates the program's status which, to date has reviewed and made recommendations regarding over 100 dredging and dredged material disposal projects in San Francisco Bay.

The projects reviewed by the DMMO have accounted for nearly 29 million cubic yards of material proposed for dredging and disposal of over the last two years. The findings of a DMMO data review at the close of the second six-month pilot phase continues to support the earlier DMMO finding (March, 1997) that approximately three percent of the material dredged from the Bay is unsuitable for open-water disposal. Prior to the initiation of the DMMO the participating agencies had estimated that up to ten percent of dredged material would not be found suitable for open-water disposal.

At this juncture, the DMMO agencies have recommended to the Dredge Material Management Committee, which oversees the DMMO, that the DMMO Pilot-Phase Program be continued for an additional year, as well as be expanded to include dredging projects which involve the placement/reuse of dredged material in upland settings, and where the inclusion of such project will reduce the bureaucracy and processing time required for the acquisition of dredging permit.

### Contacts:

USACE - David Dwinell (415) 977- 8471; [ddwinell@smtp.spd.usace.army.mil]

BCDC - Eric Larson (415) 557-8765; [elarson@bcdc.ca.gov]

SFBRWQCB - Jack Gregg (510) 286- 1199; [jhg@rb2.swrcb.ca.gov]

SLC - Mary Howe (916) 574-1839; [howem@slc.ca.gov]

USEPA - Erika Hoffman (415) 744-1976; [hoffman.erika@epamail.epa.gov]

**DREDGE MATERIAL MANAGEMENT OFFICE (DMMO)  
SECOND SIX-MONTH PILOT PHASE REVIEW REPORT**



# PILOT PROGRAM OF THE DREDGED MATERIAL MANAGEMENT OFFICE (DMMO)

## SECOND SIX MONTH PILOT PHASE REVIEW REPORT January 8, 1998

### I. INTRODUCTION AND PURPOSE OF THE DMMO

The multi-agency Pilot Program of the Dredged Material Management Office (DMMO) was established to foster a comprehensive and consolidated approach to handling dredged material management issues in order to reduce redundancy and delays in the processing of dredging permit applications. The DMMO, in part, grew out of the Long Term Management Strategy Program (LTMS) as an effort to better coordinate and shorten the permit application process for dredging and disposal projects occurring in the San Francisco Bay region. The San Francisco Bay Regional Water Quality Control Board (RWQCB), State Water Resources Control Board, San Francisco Bay Conservation and Development Commission (BCDC), United States Environmental Protection Agency (EPA) and the United States Army Corps of Engineers, South Pacific Division and San Francisco District (COE) are signatories to the LTMS program.

In 1995, the LTMS agencies decided to form a pilot DMMO, under existing authorities and budgets. The DMMO member agencies are the EPA, COE (San Francisco District), RWQCB, BCDC, and the California State Lands Commission (SLC). The COE agreed to initially act as the "host" of the DMMO and take on responsibilities associated with the lead role. The California Department of Fish and Game actively participates in the DMMO as a commenting resource agency, and the participation of the U. S. Fish and Wildlife Service and National Marine Fisheries Service is also encouraged.

The DMMO was established to facilitate the processing of dredging permit applications within existing law, regulation and policy. It was specifically designed to provide a mechanism for consistent review of permit applications through coordinated efforts from DMMO member agencies. It also provides a mechanism to allow the involvement and participation of permit applicants during the application process. No new regulatory statutes were initiated in the formation of the DMMO. All applicable regulatory authority and processes of the member agencies remain in full force and effect. The DMMO meetings are typically scheduled and held twice monthly at the COE offices in San Francisco.

The geographic area of the DMMO includes all of the San Francisco Bay Estuary up to Sherman Island, its major tributaries up to points where navigation is no longer feasible, upland areas surrounding the estuary, and the ocean disposal sites for Bay material designated by the EPA. The member agencies have also agreed to coordinate with the Central Valley Regional Water Quality Control Board regarding use of Bay dredged material in the Sacramento/San Joaquin Valley region.



## II. MEMORANDUM OF UNDERSTANDING

The initial Memorandum of Understanding (MOU) for the Pilot DMMO was signed by all member agencies on July 9, 1996. In accordance with the terms of that MOU, at the end of each of two six-month pilot phases, the member agency staff are required to prepare a report to the Dredging Management Committee (consisting of management representatives of the DMMO member agencies) on the progress and success of the DMMO. The first six month pilot phase of the DMMO as well as the initial development period was reported on by the Dredged Material Management Office (DMMO) Six Month Pilot Phase Review Report dated March 28, 1997. The initial pilot phase report was approved and accompanied by a revised MOU (see attachment) also dated March 28, 1997 and signed by the Dredging Management Committee representatives.

With approval of the revised MOU, the second six month phase of the DMMO was initiated on April 1, 1997 and completed on September 30, 1997. The revised MOU established the reporting requirements and parameters for the second six month phase of the DMMO. This report constitutes the second phase report to the Dredging Management Committee and contains an analysis of the successes, problems, relevant issues, and recommendations for further actions.

## III. SECOND SIX-MONTH PILOT PHASE ACTIVITIES/ACHIEVEMENTS

Project Review - DMMO project review includes: applicant's requests for Tier I exemption for sediment quality testing; Sampling and Analysis Plans (SAP's); and results of the sampling and analysis. Since its inception, the DMMO has reviewed a grand total of 95 dredging projects. This total includes both Federal and non-Federal dredging projects. A listing and summary of action dates for all non-Federal projects reviewed by the DMMO is presented in Table 1 attached to this report. Table 2 presents the DMMO material suitability determinations for the same listing of projects. Both tables distinguish between those projects reviewed during the second six month pilot phase of the DMMO and those projects reviewed during the earlier phase.

Initially DMMO project review was limited to non-Federal projects. As shown in Tables 1 and 2, 55 non-Federal dredging projects were evaluated by the DMMO prior to the initiation of the second six month pilot phase. Of these initial DMMO evaluations, 49 have been completed and 6 remain pending due to either the non-receipt of test results or issues related to the suitability of the dredged material for aquatic disposal.

During the second six month pilot phase of the DMMO, 28 additional non-Federal dredging projects were reviewed. These projects are also listed in Tables 1 and 2. DMMO activities have been completed for 21 of these projects and 7 remain under review. Generally for those projects in process, either the final design of the SAP is underway or the testing and analysis is being conducted by the applicant.

The revised MOU directed that during the second six month pilot phase, the DMMO process Federal projects including COE civil works maintenance dredging projects consistent with the directives contained in the MOU. During the second phase, 12 Federal projects (10 COE civil works projects and 2 U.S. Navy dredging proposals) have been reviewed by the DMMO. The DMMO completed the review on all the Federal



projects. Disposal was approved for 10 of the projects, one Navy project was withdrawn, and one COE civil works project was not approved by the DMMO. A listing and summary of the Federal projects which have been the subject of DMMO review is attached to this report as Table 3.

#### Development of a Web Page and Data Base for Permit Information -

In accordance with the MOU, the DMMO "host" agency is to develop and maintain an electronic tracking data base (Web Page) of permit information for DMMO projects.

The COE has been unable to complete the Web Page during the second six month DMMO pilot period. Progress was made on completing the Web Page. However, due to staff shortages, workloads, previous commitments and changing priorities the Corps has not been able to commit a person or persons, full-time, to the development of the Web site during the second six month period. The result is that the Web Page is incomplete.

The COE plans to obtain assistance of technical experts from other Corps installations to complete the Web Page. A target date of March 1, 1998 has been set for having the Web Page operational.

Sampling and Analysis Plan (SAP) Template - During the second six month phase, the draft SAP template was completed by EPA and submitted to the DMMO for review. After incorporating comments from the DMMO agency members, the draft SAP template was distributed to several consulting laboratories for technical review. DMMO expects to incorporate comments and distribute the final template to the public by January 1998.

#### Previously Identified Issues and Recommended Actions

The initial six month pilot phase review report identified and discussed nine issues related to operation of the DMMO and provided recommendations for responding to those issues. The nine issues and recommendations are listed and briefly described below followed by a discussion of the results achieved with respect to each during the second six month pilot phase.

1. Issue: Internal DMMO communications, minutes and agendas.

Results: Timely distribution of agendas and draft meeting minutes has been substantially improved. The COE, DMMO host agency, has promptly distributed meeting agendas and draft meeting minutes to allow input from member agencies. The distribution of final meeting minutes has not been as prompt due to delay in the review by member agencies. The initial six month report is attached for reference.

Recommendation: Draft meeting minutes will be distributed within five (5) days of the meeting date and comments from the member agencies are due within five (5) days after the minutes are distributed. Final minutes shall be approved at the next scheduled meeting.



2. **Issue:** Applicant coordination.

**Results:**

The applicant coordination guidance contained in the MOU was revised in accordance with the first six month report recommendations. The host agency followed the revised MOU guidance during the second six month pilot phase and the issue was resolved.

3. **Issue:** Meeting MOU time objectives.

**Results:** The issue of meeting MOU time objectives cannot be evaluated because the electronic database intended to be used for project tracking is not yet complete and operational.

**Recommendation:** The host agency, COE should complete the development of the tracking database by March 1, 1998.

4. **Issue:** DMMO project tracking.

**Results:** The status of the permit tracking data base was described in an earlier section of this report. EPA and BCDC created an interim, spreadsheet-based, DMMO tracking system pending the establishment of a fully automated system. The DMMO agencies have jointly worked to maintain and periodically update the interim tacking system.

**Recommendation:** The host agency, COE, should complete the development of the electronic permit tracking data base with access to the WEB page by March 1, 1998.

5. **Issue:** Applicant/special interest/public access to the DMMO process.

**Results:** Significant progress was made on the issue, however there were occasions when applicants spent well beyond the 15 minutes limit and in one instance an applicant came in to discuss a different project than was scheduled with the DMMO.

**Recommendation:** Extend the time to a maximum thirty (30) minute presentation for each applicant who schedules participation in a DMMO meeting. If an applicant requires more time it should be the subject of a special time agreement or meeting. The actual time allotted at the meeting may be extended by the DMMO agency representatives if necessary. Applicants should be informed that they are not allowed to change the subject of their discussion without prior notice and/or agreement of DMMO agencies.

6. **Issue:** Host agency conflict of interest.

**Results:**

During the second six month pilot project, twelve Federal dredging projects including COE civil works maintenance projects were presented to the DMMO for evaluation. The scheduling and presentation of Federal dredging project information to the DMMO in a manner consistent with the MOU guidelines and procedures resolved the issue.



7. Issue: The lack of an established process to deal with non-consensus DMMO decisions.

Results: The MOU was revised to include a section on Conflict Resolution which contains the procedures to be followed in non-consensus situations. During the second six month phase one non-consensus situation developed during the period when Federal maintenance projects were being transitioned into the DMMO. The dispute regarding a COE Civil Works project arose before those projects were fully included in the DMMO as part of the revised MOU. As a result, the non-consensus issue was not handled in accordance with the revised MOU Conflict Resolution procedures and a satisfactory result was not achieved. The revised MOU conflict management procedures are adequate if correctly followed and allowed to work.

8. Issue: The project information submittal time, contained in the MOU, allows for DMMO review of a SAP submitted in advance of the complete project application. Where an applicant is proposing a change in a previously permitted disposal environment, it is critical to have a complete project description prior to reviewing a SAP or sampling results.

Results: The MOU was revised to require a complete DMMO application prior to DMMO consideration of SAP or testing results in instances where a change in disposal options is proposed. The issue was resolved.

9. Issue: Delays in DMMO processing due to agency absence at meetings.

Results: The MOU was revised to require the designation of primary and backup agency representatives, submittal of a written summary if an agency is unable to participate in a meeting and to encourage cooperative coordination among the participating agencies. During the second six month phase agency representatives have also successfully utilized teleconferencing to participate in meetings which they were physically unable to attend.

## V. DMMO SECOND SIX MONTH PILOT PHASE PROBLEMS AND RECOMMENDED ACTIONS

The MOU directs that each pilot phase report contain an analysis of issues that arose during the pilot and recommendations for further actions to be reviewed and approved by the Dredging Management Committee. DMMO agency members worked collectively to identify issues, concerns and possible recommendations.

1. Issue: Upland disposal projects. The MOU directs that DMMO make joint staff recommendations on the suitability of dredged material for disposal at in-Bay disposal sites, ocean disposal sites or upland disposal sites. During the first year pilot project the DMMO has concentrated its efforts on in-Bay and ocean disposal and excluded reviewing data from projects that proposed upland disposal. In some cases, the exclusion of upland disposal projects from the DMMO review process created confusion and frustration for both agencies and applicants.



**Recommended Action:** DMMO actively review only those dredging projects where upland/reuse is among the range of disposal alternatives under consideration. For projects where upland is already the selected disposal method, the individual existing administrative agency processes, such as COE Nationwide Permit authorization, are the most efficient means of review and authorization and would only be delayed by DMMO intervention. An applicant proposing upland disposal may still use the DMMO application form and DMMO agencies should be notified by the host agency of each dredging project involving upland disposal and the authorization process to be followed.

2. **Issue:** In order to function better, the DMMO would benefit from greater interagency cooperation and improved personal communication between agency representatives.

**Recommended Action:** Training to develop a greater understanding among DMMO representatives of the individual agency policies and requirements. Utilize an outside professional group facilitator to provide training to DMMO member agency representatives to develop protocols on how the group interacts and on how to perform as an effective team.

3. **Issue:** During the second six month pilot project, some communications with applicants occurred outside the MOU established point of contact regarding project associated DMMO deliberations.

**Recommended Action:** Once DMMO reaches consensus, then: (1) communication with applicants on the decision is made by the official DMMO point of contact staff person only; (2) all DMMO should honor the consensus determination; (3) in outside discussion with applicants, DMMO staff should not question or otherwise express doubts on the consensus decision; and (4) disagreements are to be brought up within DMMO. If consensus is not reached, the issues should be elevated as per Section 11e. of the MOU. During the next phase, the DMMO should evaluate conducting open meetings which would allow applicants and the public to be present during DMMO deliberations.

4. **Issue:** Lack of a data base for tracking chemistry and bioassay results. Chemistry and bioassay data are critical in DMMO's suitability determinations. Project past history in terms of results of chemical and biological testing could be critical in the approval or denial of the future SAP. Currently, some SAP's either do not present past data or present incomplete historical information and the evaluation quite often relies on agency members institutional memory potentially resulting in inconsistent recommendations.

**Recommended Action:** In the next six months, the DMMO should evaluate the need for, and the process of, establishing a data base for tracking chemistry and bioassay results.

5. **Issue:** Guidance regarding when DMMO detailed review of aquatic disposal projects is warranted. Non-navigational projects that do not require DMMO detailed review may include projects such as the side casting or replacement of excavated bottom material for pipeline or utility line installation.



**Recommended Action:** DMMO member agencies identify and develop guidance or policy for projects that do not require testing or do not require DMMO detailed review. Individual agency policies and procedures must be considered during this process.

6. **Issue:** Need to encourage the other resource agencies to become more involved in the DMMO. With the exception of the California Department of Fish and Game, the other resource agencies have not actively participated in the DMMO process. The goal of resource agency involvement is to accomplish coordinated review and resolve issues prior to the COE public notice and thereby facilitate the processing of dredging projects.

**Recommended Action:** Develop procedure to encourage other resource agency participation. Include resource agencies on DMMO distribution list and provide agendas and minutes to other agencies.

7. **Issue:** More thorough review of applications at the DMMO level and consensus determination of the completeness of the project

**Recommended Action:**

Initiate the scheduling and review of DMMO applications at the regularly scheduled DMMO meetings.

8. **Issue:** Need for a Quality Assurance Project Plan

**Recommended Action:**

The COE take the lead over the next year in developing a Quality Assurance Project Plan (QAPP) to be issued as guidance for data quality for all maintenance dredging projects in San Francisco Bay.

## V. SUMMARY

The pilot program of the DMMO has initiated the coordinated review and approval of dredging proposals and test data with encouraging results. To date the DMMO has been successful in agencies coming to agreement on the appropriate and non-appropriate projects and contaminant levels for in-Bay disposal. Operational and procedural problems have either been resolved or are actively being worked on. There is consensus on the part of the agency staff to continue the DMMO as a pilot project for an additional year following an expression of concurrence by the Dredging Management Committee.

## VI. ATTACHMENTS

- (1) Tables 1, 2, and 3 - DMMO one year pilot phase listing of projects
- (2) DMMO MOU
- (3) DMMO Six Month Pilot Phase Review Report, March 28, 1997
- (4) Consolidated Dredging-Dredged Material Reuse/Disposal Application & Instructions

## VII. SIGNATORIES

By signature below, the members of the LTMS Dredging Management Committee attest that they have reviewed this DMMO Six Month Pilot Phase Report and are in concurrence with the recommendations. Approval is granted for the establishment of a permanent DMMO effective the date of the last approval signature and in accordance with the attached MOU as revised.

-----  
WILL TRAVIS  
San Francisco Bay Conservation &  
Development Commission

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(date)

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ALEXIS STRAUSS  
U. S. Environmental Protection  
Agency

-----  
(date)

-----  
LT. COL. RICHARD G. THOMPSON  
U.S. Army Corps of Engineers

-----  
(date)

-----  
LORETTA K. BARSAMIAN  
Regional Water Quality Control  
Board, San Francisco Bay Region

-----  
(date)

-----  
ROBERT C. HIGHT  
State Lands Commission

-----  
(date)



**Table 1**  
**DMMO Material Suitability Determinations**  
**All Projects**

Applicant	Project Site	Proposed Dredging Volume (cy)	Volume Approved - SUAD (cy)	Volume Failed - NUAD (cy)	Percent Approved (SUAD)	Aquatic Disposal Site	Upland Disposal Site
		0	0	0	0	0	0
Non-Federal Projects		0	0	0	0	0	0
Projects Initiated During First Six-Month Pilot Phase							
Aeolian Yacht Club	Aeolian Yacht Club-Harbor Entrance	12,000	12,000	0	100	Alcatraz (SF-11)	-
Ballena Isle Marina	Ballena Isle Marina	44,000	Pending	Pending	0	-	-
Bel Marin Keys Community Services District	Laguna Bel Marin and Novato Creek	10,000	N/A	N/A	0	-	Calif. Quartet Owned Land
Benicia, City of, Dept. of Public Works	Benicia Marina	20,000	20,000	0	100	Carquinez (SF-9)	-
Benicia Port Terminal	Pier 92, 1st '96 episode	33,900	33,900	0	100	Carquinez (SF-9)	-
Benicia Port Terminal	Pier 92, 2nd '96 episode	45,000	45,000	0	100	Carquinez (SF-9)	-
Brisbane, City of	Brisbane Marina	76,000	76,000	0	100	Alcatraz (SF-11)	-
CALTRANS	Benicia-Martinez Bridge Retrofit	6,200	6,200	0	100	Carquinez (SF-9)	-
CALTRANS	Carquinez Bridge Retrofit Project	5,700	5,700	0	100	Carquinez (SF-9)	-
CALTRANS	Richmond San Rafael Bridge Retrofit Project	219,000	215,680	3,320	98	San Pablo Bay (SF-10)	Landfill
CALTRANS	San Mateo-Hayward Bridge Retrofit Project	98,900	80,900	18,000	82	Alcatraz (SF-11)	unknown upland location
CALTRANS	SF-Oakland Bay Bridge Retrofit Project	260,000	248,200	11,800	95	Alcatraz (SF-11)	unknown upland location

**Table 1**  
**DMMO Material Suitability Determinations**  
**All Projects**

		0	0	0	0	0	0
Castrol North American Automotive	Castrol Berth (Richmond Inner Harbor)	(41,000)	reviewed by DMMO but withdrawn by applicant	reviewed by DMMO but withdrawn by applicant	N/A	N/A	N/A
Chevron U.S.A.	Richmond Long Wharf	60,000	60,000	0	100	Alcatraz (SF-11)	-
Chevron U.S.A. Inc.	Richmond Long Wharf	200,000	200,000	0	100	Alcatraz (SF-11)	-
Desert Aggregates	Sonoma-Marin, Port of	(220,000)	initially reviewed by DMMO but withdrawn by applicant	initially reviewed by DMMO but withdrawn by applicant	N/A	N/A	N/A
Emery Cove Marina	Emery Cove Marina, Emeryville	49,500	49,500	0	100	Alcatraz (SF-11)	-
Exxon	Benicia Refinery Dock, 1st '96 episode	20,000	20,000	0	100	Carquinez (SF-9)	-
Exxon	Benicia Refinery Dock, 2nd '96' episode	20,000	20,000	0	100	Carquinez (SF-9)	-
Exxon	Benicia Refinery Dock, 3rd. '96' episode	20,000	20,000	0	100	Carquinez (SF-9)	-
Foster City	Foster City Lagoon	92,900	Pending	Pending	0	Alcatraz (SF-11)	City property
Golden Gate Bridge and Transportation District	Larkspur Ferry Terminal-Berths 1 & 2	25,000	25,000	0	100	Alcatraz (SF-11)	-
Loch Lomond Marina	Loch Lomond Marina, San Rafael, Marin County	94,400	94,400	0	100	San Pablo Bay (SF-10)	-
Loch Lomond Marina	Loch Lomond Marina, San Rafael, Marin County (Material Not Dredged)	49,413	50,000	0	100	San Pablo Bay (SF-10)	-



**Table 1**  
**DMMO Material Suitability Determinations**  
**All Projects**

		0	0	0	0	0	0
Marin Co. Pub. Svcs. Agency (29); Paradise Cay HOA	Paradise Cay (north entrance chan. & chans. C & D)	10,000	10,000	0	100	Alcatraz (SF-11)	-
Marin Yacht Club	Marin Yacht Club, Tier I request	3,500	3,500	0	100	San Pablo Bay (SF-10)	-
Oakland, Port of	Berths 20, 21, 30, 32, 33- Maintenance Dredging under existing BCDC and COE permits for all berths	64,000	64,000	0	100	Alcatraz (SF-11)	landfill via Berth 10
Oakland, Port of	Berths 22, 23, 24, 25, 26 (Deepening Project)	62,000	61,500	500	99	Alcatraz (SF-11)	Landfill (via Berth 10)
Oakland, Port of	Berths 25 and 26 (high spots) Maintenance Dredging under existing BCDC and COE permits for all berths	1,200	1,200	0	100	Alcatraz (SF-11)	-
Oakland, Port of	Berths 22, 23, 24, 35, 67, 68- Maintenance Dredging under existing BCDC and COE permits for all berths	58,000	48,300	9,700	83	Alcatraz (SF-11)	landfill via Berth 10
Oakland, Port of	Berths 25, 26, 30, 37- Maintenance Dredging under existing BCDC and COE permits for all berths	34,300	34,300	0	100	Alcatraz (SF-11)	-
Pullman Building Company	Paradise Cay Yacht Harbor	64,000	64,000	0	100	Alcatraz (SF-11)	-
Redwood City, City of	Port of Redwood City, Berths 1 and 2	22,630	Pending	Pending	0	0	-
Richmond, Port of	Levin Terminal (Berths: IMTT, Natl Gypsum, GATX, ARCO, Terminals 2 & 3, Berths 6 & 7- all pre-DMMO)	8,500	8,500	0	100	Alcatraz (SF-11)	-

**Table 1**  
**DMMO Material Suitability Determinations**  
**All Projects**

		0	0	0	0	0	0
Richmond, Port of	Terminal No. 4 (Emergency)	9,100	9,100	0	100	Alcatraz (SF-11)	-
San Francisco, City & County	Gashouse Cove, SF Marina	30,000	Pending	Pending	0	0	-
San Francisco, City & County	Marina Small Craft Harbor (Areas 2 and 3) - West Basin	15,000	15,000	0	100	Alcatraz (SF-11)	-
San Francisco, City & County	Marina Small Craft Harbor (Berth and Fairways)	50,000	Pending	0	0	Alcatraz (SF-11)	-
San Francisco, City & County	S.F. Marina and Small Craft Harbor Entrance Channel - Sand Trap/Mining Pilot Project	30,000	30,000	0	100	-	Tidewater facility
San Francisco Drydock, Inc.	San Francisco Drydock, Berths 3 and 4-Pre Oil Spill	(98,000)	Held due to oil spill	Held due to oil spill	0	-	-
San Francisco Drydock, Inc.	San Francisco Drydock, Berths 3 and 4 -POST SPILL	98,000	98,000	0	100	Alcatraz (SF-11)	-
San Francisco, Port of	Pier 35 East	55,000	55,000	0	100	Alcatraz (SF-11)	-
San Francisco, Port of	Pier Pier 27	80,000	80,000	0	100	Alcatraz (SF-11)	-
San Francisco, Port of	Pier 35 West	37,000	33,200	3,800	90	Alcatraz (SF-11) NUAD left in place	-
San Francisco Public Utilities Commission - Department of Public Works	Port of SF, Piers 33 and 35	1,200	0	1,200	0	-	Port of SF Pier 94- Upland Site
San Francisco Yacht Club	San Francisco Yacht Club, Belvedere, Marin Co.	125,000	125,000	0	100	Alcatraz (SF-11)	-
San Leandro, City of	San Leandro Marina	75,000	75,000	0	100	Alcatraz (SF-11)	-
Sausalito Yacht Harbor Inc.	Sausalito Yacht Club	700	700	0	100	Alcatraz (SF-11)	-



**Table 1**  
**DMMO Material Suitability Determinations**  
**All Projects**

		0	0	0	0	0	0
Schnitzer Steel	Schnitzer Steel, Port of Oakland	13,000	13,000	0	100	Alcatraz (SF-11)	unknown upland location
Schnitzer Steel	Schnitzer Steel, Port of Oakland (Tier I request)	210	210	0	100	Alcatraz (SF-11)	0
Unocal Corp	Unocal Marine Terminal, Rodeo	55,240	55,240	0	100	Carquinez (SF-9)	0
Vallejo, City of	Vallejo Ferry Terminal, east shore of Mare Island Strait	8,000	6,700	1,300	84	Carquinez (SF-9)	unknown upland location
Vallejo Yacht Club	Vallejo Yacht Club - harbor entrance	1,500	1,500	0	100	Carquinez (SF-9)	-
Western Waterways, Inc.	Glen Cove Marina, Vallejo, Solano County	50,000	50,000	0	100	Carquinez (SF-9)	-
Wickland Oil Martinez	Wickland Oil Martinez, Proposed Point Orient Terminal	26,100	Pending	Pending	0	Alcatraz (SF-11)	-
Projects Initiated During Second Six-Month Pilot Phase							
Benicia Port Terminal	Pier 92, 2nd '97 episode	29,803	29,803	0	100	Carquinez (SF-9)	0
Benicia, City of, Dept. of Public Works	Benicia Marina	40,000	40,000	0	100	Carquinez (SF-9)	0
Bernheim	Belvedere Cove	300	300	0	100	Alcatraz (SF-11)	-
Brisbane, City of - Tier I Request	Sierra Point Marina	94,000	Pending	Pending	Pending	Alcatraz (SF-11)	0
Chevron U.S.A. Inc.	Richmond Long Wharf	265,000	265,000	0	100	Alcatraz (SF-11)	0
Clipper Yacht Harbor	Clipper Yacht Harbor Tier I Request	600	600	0	100	Alcatraz (SF-11)	0
Corinthian Yacht Club	Corinthian Yacht Club	37,400	37,400	0	100	Alcatraz (SF-11)	0
Desert Aggregates	Port Sonoma Marina	240,000	N/A	N/A	N/A	N/A	Upland Disposal Site

**Table 1**  
**DMMO Material Suitability Determinations**  
**All Projects**

		0	0	0	0	0	0
Exxon	Benicia Refinery Dock, 1st 97 episode	18,000	18,000	0	100	Carquinez (SF-9)	0
Exxon	Benicia Refinery Dock, Application for New Permit	(400,000)	N/A	N/A	N/A	Carquinez (SF-9)	0
Exxon	Benicia Refinery Dock, 2nd 97 episode	20,000	20,000	0	100	Carquinez (SF-9)	-
Kappas Marina	Kappas Marina Sausalito	17,000	Pending	Pending	Pending	Alcatraz (SF-11)	0
Marin Yacht Club	Marin Yacht Club, Tier I request	4,000	4,000	0	100	San Pablo Bay (SF-10)	0
Marin, County of	Black Point Launch Ramp Tier I Request	200	200	0	100	San Pablo (SF-10)	0
Oakland, Port of	Berth 82 Knock-Down	1,300	1,300	0	100	Sidecast - Berth 82	0
Oakland, Port of	Berths 35 and 37	40,000	40,000	0	100	Alcatraz (SF-11)	0
Oakland, Port of	50 Foot Project	20,000,000	Pending	Pending	Pending	Ocean and/or Middle Harbor	To Be Determined
Oakland, Port of	Berth 30 Tier 1 Request	16,000	16,000	0	100	Alcatraz (SF-11)	0
Oakland, Port of	Jack London Square Marina	52,319	Pending	Pending	Pending	Alcatraz (SF-11)	Pending
Oakland, Port of	Resumption of maintenance dredging (Additional Material because of Herring Season)	26,000	26,000	0	100	Alcatraz (SF-11)	0
Pacific Gas and Electric Company	Contra Costa Power Plant - Antioch	2,182	Pending	Pending	Pending	Carquinez (SF-9)	0
Pacific Gas and Electric Company	Pittsburg Power Plant	43,054	Pending	Pending	Pending	Carquinez (SF-9)	0



**Table 1**  
**DMMO Material Suitability Determinations**  
**All Projects**

		0	0	0	0	0	0
Redwood City, City of	Berths 1 and 2	22,630	Pending	Pending	Pending	Alcatraz (SF-11)	Pending
Redwood City, City of	Port of Redwood City, Berth 3	19,000	19,000	0	100	Alcatraz (SF-11)	0
Richmond, Port of - Tier I Request	Terminal No. 4 (Tier I Request)	50,000	N/A	N/A	N/A	Alcatraz (SF-11)	0
San Francisco Drydock, Inc.	Dry Dock 1 & 2	270,000	235,000	35,000	87	Alcatraz (SF-11)	0
San Francisco, Port of	Central Basin	(422,000)	initially reviewed by DMMO but withdrawn by applicant	initially reviewed by DMMO but withdrawn by applicant	N/A	N/A	N/A
San Francisco, Port of	North Ferry Terminal Deepening (Tier I)	7,900	7,900	0	100	Alcatraz (SF-11)	0
San Francisco, Port of	South Ferry Terminal Deepening	9,650	8,650	1,000	90	Alcatraz (SF-11)	unknown upland disposal site
San Francisco, Port of	Hyde Street Project	38,000	Pending Review	N/A	N/A	not yet determ.	not yet determ.
San Francisco, Port of	Central Basin	275,000	Pending	Pending	Pending	Alcatraz (SF-11)	0
San Francisco, Port of	Pier 35W	26,080	Pending (Port postponed 1997 dredging at this site)	Pending (Port postponed 1997 dredging at this site)	-	Alcatraz (SF-11)	0
San Francisco, Port of	Piers 80B & 80C	255,400	Pending	Pending	Pending	Alcatraz (SF-11)	0
San Francisco, Port of	Piers 94 & 96	26,450	Pending	Pending	Pending	Alcatraz (SF-11)	0

**Table 1**  
**DMMO Material Suitability Determinations**  
**All Projects**

		0	0	0	0	0	0
San Mateo, County Harbor District	Oyster Point Marina	110,178	Pending	Pending	Pending	Alcatraz (SF-11)	0
San Rafael, City of	San Rafael Canal (small additional work, Tier I request)	2,000	2,000	0	100	Alcatraz (SF-11) or San Pablo (SF-10)	-
Schnitzer Steel	Schnitzer Steel, Port of Oakland - 6th Pier	6,000	6,000	0	100	Alcatraz (SF-11)	0
Timmer Cove Homeowners Tier I Request	Paradise Cay	9,000	9,000	0	100	Alcatraz (SF-11)	0
					0		
Federal Projects					0		
Federal Projects Initiated During First Six-Month Pilot Phase							
U.S. Army Corps of Engineers	Oakland Army Base	20,000	20,000	0	100	Alcatraz SF-11	-
U.S. Army Corps of Engineers	Corps O&M-Redwood City	1,080,000	1,030,000	47,500	95	Alcatraz SF-11	-
U.S. Army Corps of Engineers	Corps Spring O&M-Richmond	520,000	520,000	0	100	Alcatraz (SF-11); San Pablo (SF-10)	-
U.S. Army Corps of Engineers	Corps Fall O&M-Richmond	105,000	105,000	0	100	Alcatraz (SF-11)	-
U.S. Army Corps of Engineers	Corps Suisun Bay O&M	186,200	186,200	0	100	Suisun Bay (SF-8)	-
U.S. Army Corps of Engineers	Corps Port of Oakland O&M	200,000	180,000	20,000	90	Alcatraz (SF-11)	Landfill via Berth 10